


```

Query Match      100.0%; Score 75; DB 2; length 152;
Best Local Similarity 22.2%; Pred. No. 35;
Matches    6; Conservative   21; Mismatches    0; Indels    0; Gaps    0;
Oy         1 CXXCAXXCXXXXXXXXXCCXXXCCXXC 27
            |::|::|::|::|::|::|::|::|::|
Db          88 CTCCTCTTCCTCTCTCTCTCTCTCTCTCTCGGCGGC 114

```

```

RESULT      3
T24272
hypothetical protein T01B7.8 - Caenorhabditis elegans
C:Species: Caenorhabditis elegans
C:Date: 15-Oct-1999 #sequence_revision 15-Oct-1999 #text_change 15-Oct-1999
C:Accession: T24272
R:Sims, M.
submitted to the EMBL data library, October 1995
A:Reference number: Z19867
A:Accession: T24272
A:Status: preliminary; translated from GB/EMBL/DBJ
A:Molecule type: DNA
A:Residues: 1,164 <WIL>
A:Cross-references: EMBL:Z66499; PIDN:CAA91301.1; GSPDB:GN00020; CESP:T01B7.8
A:Experimental source: clone T01B7
C:Genetics:
A:Gene: CESP:T01B7.8
A:Map position: 2
A:Introns: 20/3; 90/2

```

| | | | | | |
|----|-----------------------------|---------|--------------|-------|-------------|
| | Query Match | 100.0% | Score 75; | DB 2; | Length 164; |
| | Best Local Similarity | 22.28%; | Pred No. 37; | | |
| | Matches | 6; | Conservative | 21; | Mismatches |
| | | | | 0; | Indels |
| | | | | 0; | Gaps |
| OY | 1 CXCXAXXXXXXXXCCXXCXXXC | 27 | | | |
| | :: :: :: :: :: :: :: :: :: | | | | |
| db | 84 CCCCPRCCCCRCCTCCRTCCCTRC | 110 | | | |

RESULT 4
T15651
hypothetical protein C27A2.5 - *Caenorhabditis elegans*
C:Species: *Caenorhabditis elegans*
C:Date: 20-Sep-1999 #sequence_revision 20-Sep-1999 #text_change 20-Sep-1999
C:Accession: T15651
R:Nhan, M.
submitted to the EMBL Data Library, May 1996
A:Description: The sequence of C. elegans cosmid C27A2.
A:Reference number: Z18382
A:Accession: T15651
A:Status: preliminary; translated from GB/EMBL/DBJ
A:Molecule type: DNA
A:Residues: 1-188 <NHA>
A:Cross-references: EMBL:U58760; NID:g1330384; PID:g1330389; PIDN:AA800710.1; GSPDB:GN00
A:Experimental source: strain Bristol N2; clone C27A2
C:Genetics:
A:Gene: CESP:C27A2.5
A:Map position: 2
A:Introns: 19/3; 91/2

| | | | | |
|-----------------------|--------|------------------|---------------|-------------|
| Query Match | 100.0% | Score 75; | DB 2; | Length 188; |
| Best Local Similarity | 22.2% | Pred. No. 40; | | |
| Matches | 6; | Conservative 21; | Mismatches 0; | Indels 0; |
| | | | Gaps | 0; |

```
OY      1 CXXCXXXCXXXXXXXXXXXXCXXCXXC 27
          |::|::|::|::|::|::|::|::|
Db      85 CCCCRPKCCCCRCCTCCRTCCCTR 111
```

RESULT
B38346

ultra-high-sulfur keratin 2 - mouse
C:Species: Mus musculus (house mouse)
C:Date: 31-Mar-1992 #sequence_revision 31-Mar-1992 #text_change 24-Sep-1999
C:Accession: A38660; B38346
R:Wood, L.; Mills, M.; Hatzenbuehler, N.; Vogeli, G.
J. Biol. Chem. 266, 4024, 1991
A:Title: Serine-rich ultra high sulfur protein gene expression in murine hair and skin
A:Reference number: A38660; MUID:91154184
A:Accession: A38660
A:Molecule type: DNA
A:Residues: 1-223 <MO2>
A:Cross-references: GB:M37760; NID:g200963; PIDN:AAA40107.1; PID:g200964
A:Note: this is a correction
R:Wood, L.; Mills, M.; Hatzenbuehler, N.; Vogeli, G.
J. Biol. Chem. 265, 21375-21380, 1990
A:Title: Serine-rich ultra high sulfur protein gene expression in murine hair and skin
A:Reference number: A38346; MUID:91065960
A:Accession: B38346
A:Molecule type: DNA
A:Residues: 1-21, 'GGCGSGCGGCGSGCGGSCCKPVCC', '22-40', 'GSS', '44-45', 'G', '47-48', 'S', '50', 'GSS'
<MOO>
A:Cross-references: GB:M37759; NID:g200961; PIDN:AAA40106.1; PID:g200962
A:Note: the sequence reported in this paper has been corrected. See A38660
C:Superfamily: ultra-high-sulfur keratin

| | | | | | |
|----|------------------------------|--------|---------------|-------|---------------------------------|
| | Query Match | 100.0% | Score 75: | DB: 2 | Length 223: |
| | Best Local Similarity | 22.2% | Pred. No. 44: | | |
| | Matches | 6: | Conservative | 21: | Mismatches 0: Indels 0: Gaps 0: |
| Oy | 1 CXXCAXXCXXXXXXXXXCCXXXC | 27 | | | |
| | :: :: :: :: :: :: :: :: :: | | | | |
| Db | 57 CGCGGCGCGCGCGCGCGCGSCCKPC | 83 | | | |

```

Oy      1  CXKXXKXXXXXXKXXXXXXK 27
      |:|:|:|:|:|:|:|:|:|:|
Db      57  CGCGKGGCGCGCGCGCGCGSCCMPC 83

RESULT      6
S18173
metallothionein - common bobwhite (fragment)
C:Species: Colinus virginianus (common bobwhite)
C:Date: 06-Jan-1995 #sequence_revision 06-Jan-1995 #text_change 20-Aug-1999
C:Accession: S33378; S18173
R:Shartzer, K.L.; Kage, K.; Sobieski, R.J.; Andrews, G.K.
J. Mol. Evol. 36, 255-262, 1993
A:Title: Evolution of avian metallothionein: DNA sequence analyses of the turkey meta
A:Reference number: S33378; MUID:93247066
A:Accession: S33378
A:Status: preliminary
A:Molecule type: mRNA
A:Residues: 1743 <SHA>
A:References: EMBL:X62511; NID:962749; PIDN:CA44370.1; PID:962750
A:Superfamily: metallothionein

```

[illegible]

RESULT
S18174

metallochionein- common bobwhite (fragment)
C:Species: *Colinus virginianus* (common bobwhite)
C:date: 06-Jan-1995 #sequence_revision 06-Jan-1995 #text_change 20-Aug-1999
C:Accession: S33379; S18174
R:Sharter, K.L.; Kage, K.; Sobleski, R.J.; Andrews, G.K.
J. MOL. EVOL. 36, 255-262, 1993
A:Title: Evolution of avian metallochionein: DNA sequence analyses of the turkey metalein
A:Reference number: S33378; MUID:93247066
A:Accession: S33379

